COMPATION ...
Invertible avid K. YEE

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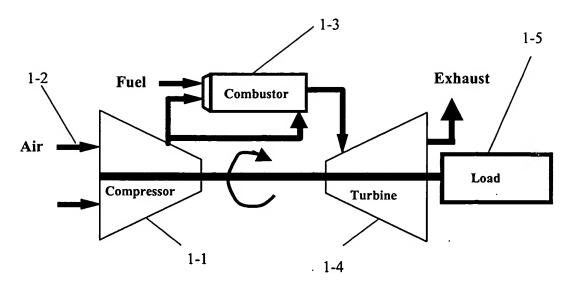


Fig 1 (PRIOR ART)

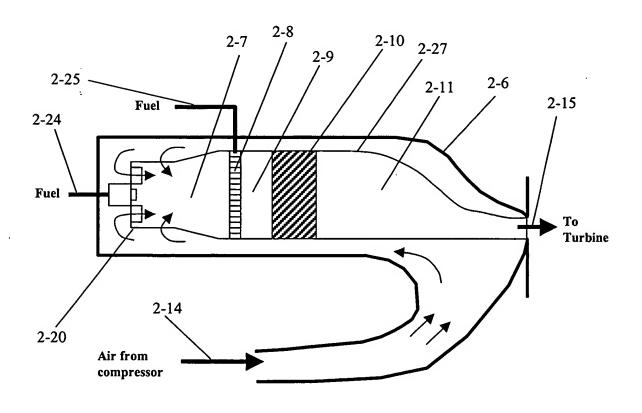
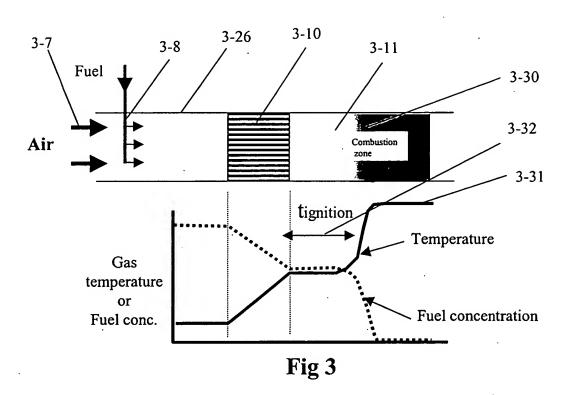


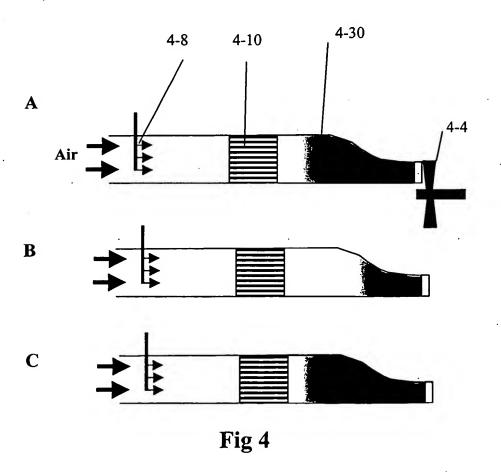
Fig 2

COMPOSITION ...
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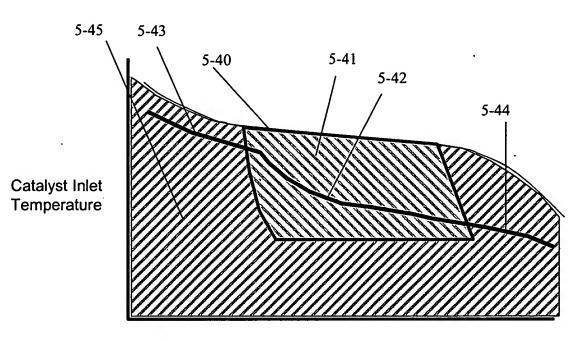




COMPANISTION ...
Inveloped David K. YEE

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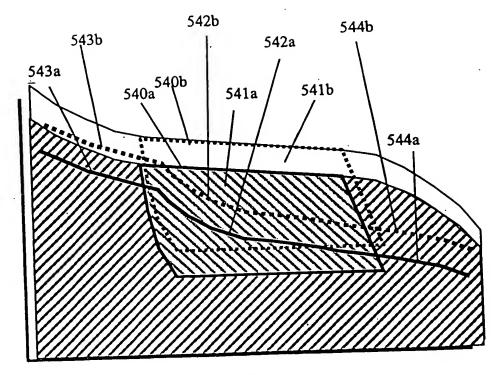
Fuel air ratio

Fig 5A

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Catalyst Inlet Gas Temperature

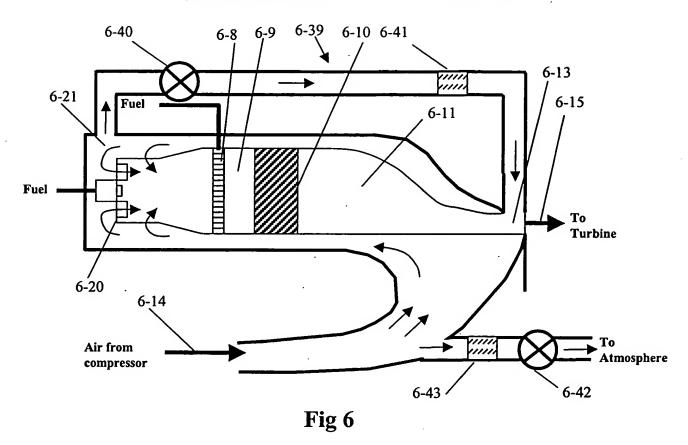
Fuel air ratio

Fig 5B

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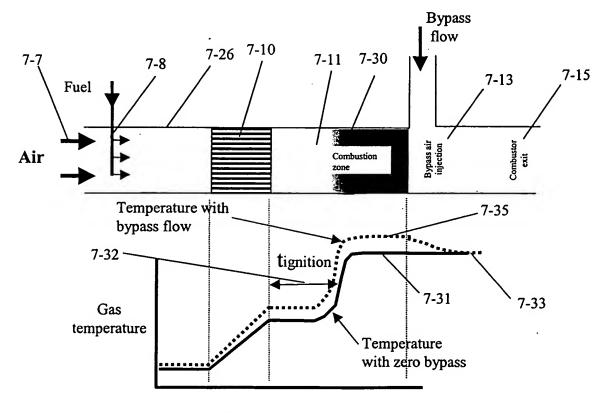


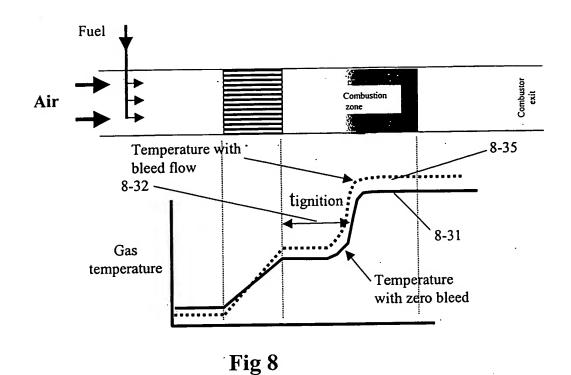
Fig 7

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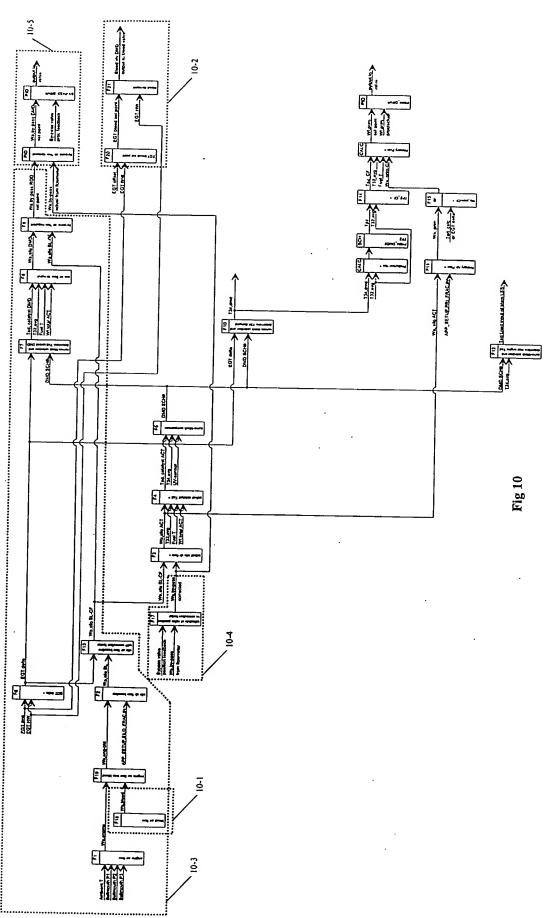
9-5 Schedule Full **BOZ Tad** demand demand BOZ Tad Part load **Engine Output** (Load) 9-6 Engine Output 9-1 9-2 9-7 **Engine** By-pass Closed Fundamental Engine air-flow by-pass engine air-flow air-flow (required) Loop calculation air-flow **Engine** calculation **Bypass** (less bleed) calculated/measured Fundamental Valve bypass air-flow Control Engine fuel-flow Bleed_air-flow Prebumer inlet T 9-4

Fig 9

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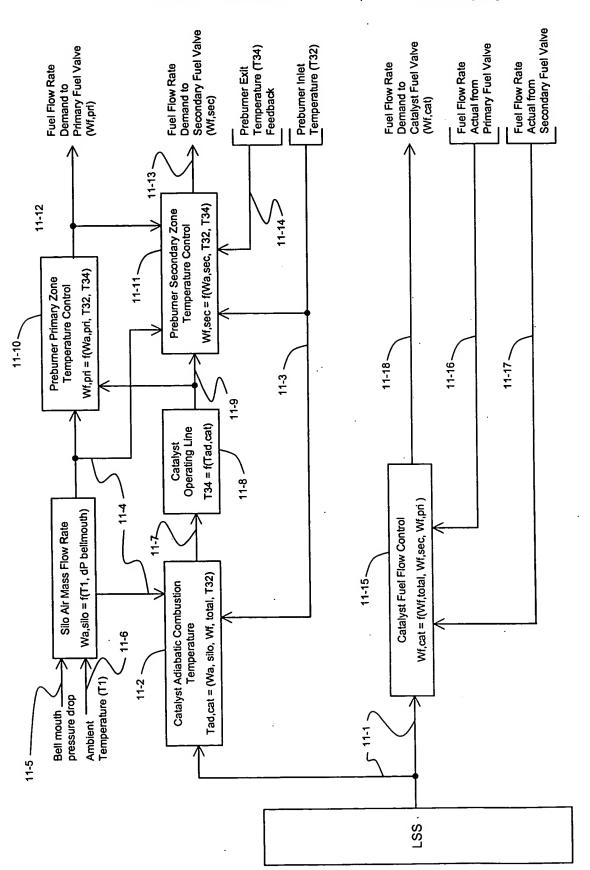


Figure 11: Basic Control with T34 vs Tad (F/A) schedule - PRIOR ART

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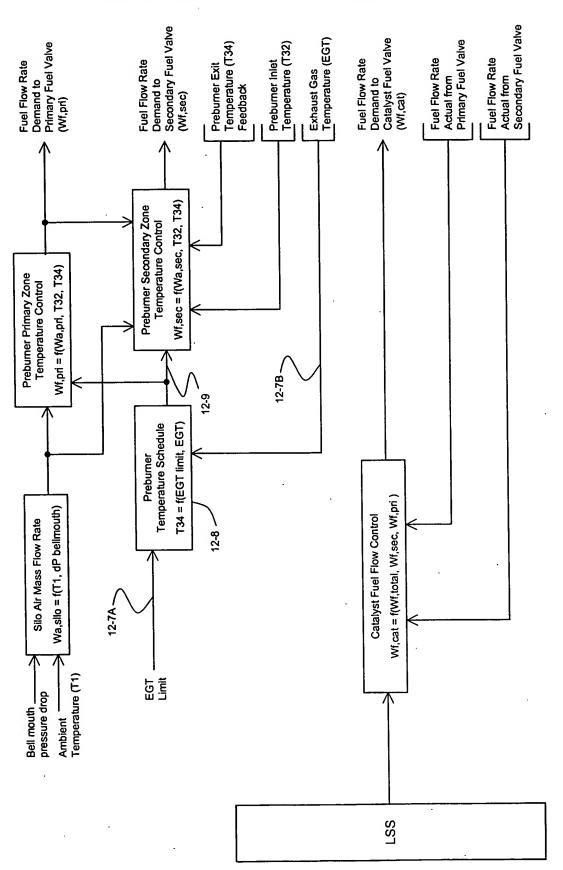
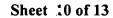


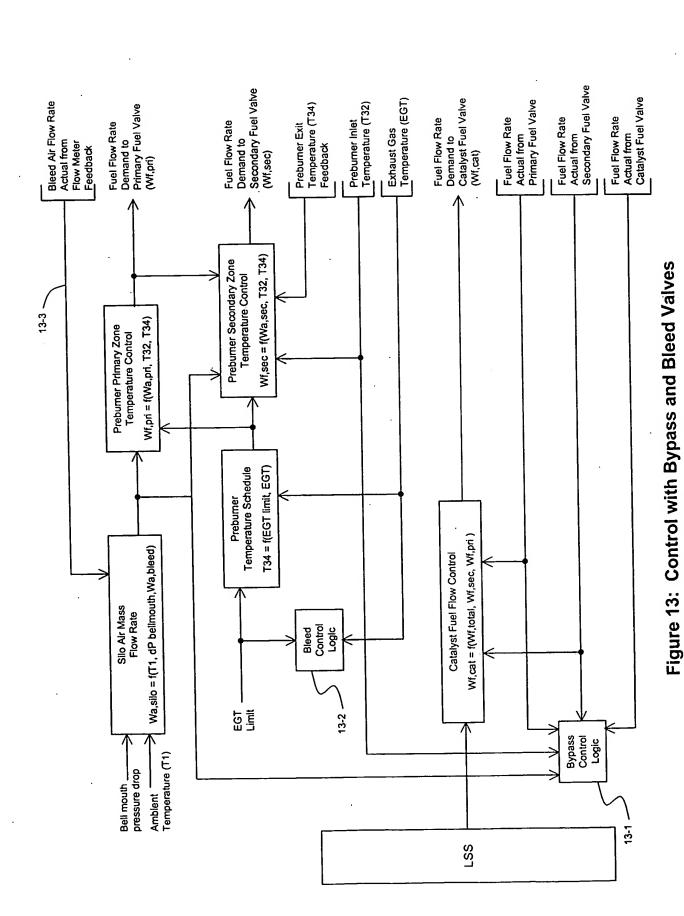
Figure 12: Basic Control with T34 vs delta EGT schedule

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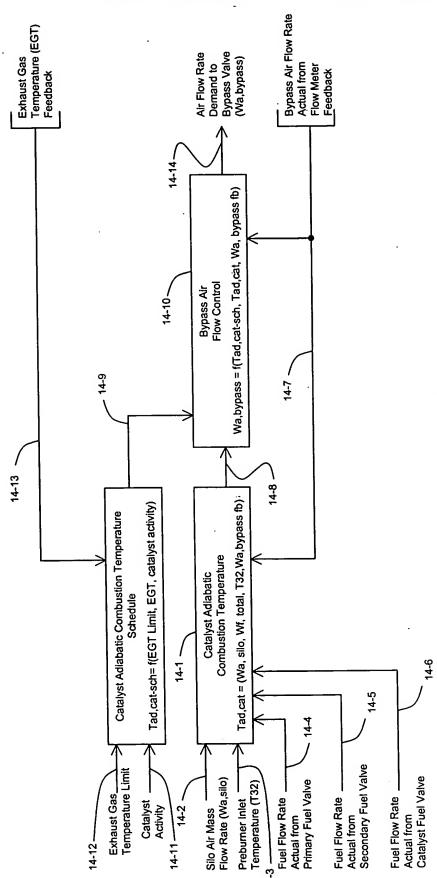


Figure 14: Bypass Control Logic Details

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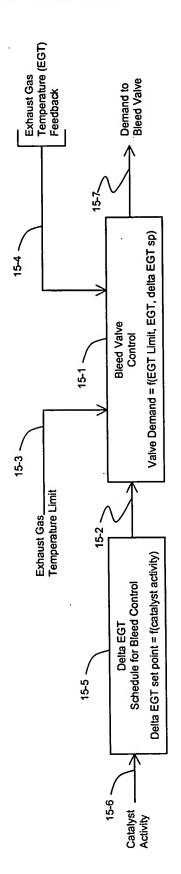


Figure 15: Bleed Control Logic Details

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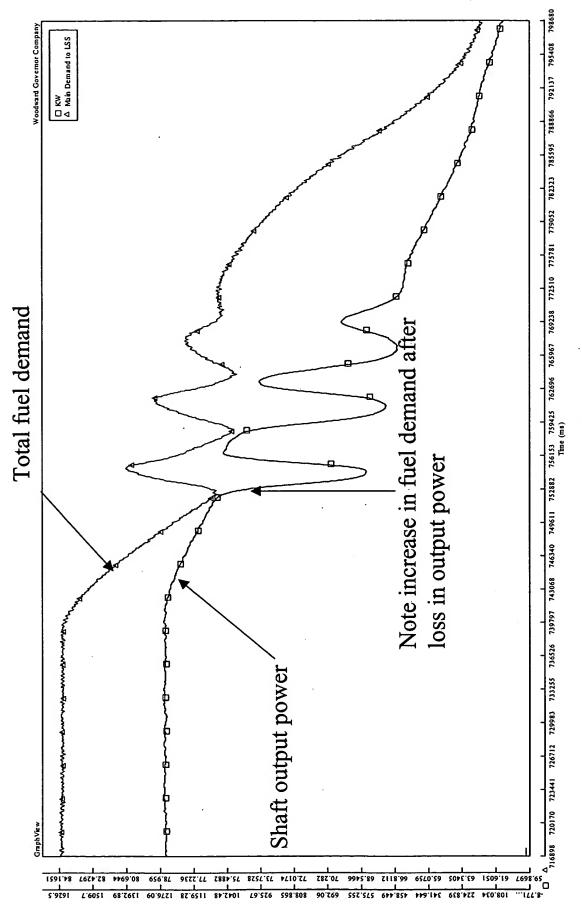


Figure 16: Output power cycles resulting from the loss and re-establishing of the homogeneous combustion process wave.